

JANUARY 12, 2012

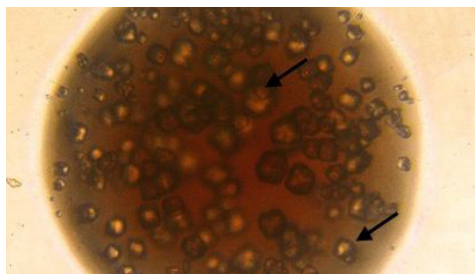
Lunchtime Science Series

Carnegie Center, 1101 W. Washington Street, Phoenix



Microbes in Kartchner Caverns: Making a Living While Starving in the Dark

A team of University of Arizona scientists who lead the **National Science Foundation Kartchner Caverns Microbial Observatory** in collaboration with **Arizona State Parks** will present their findings on novel microbes and their activities found in the cave's extreme environment. **Dr. Raina Maier** and **Julie Neilson** who lead this team of scientists have made exciting discoveries including finding cave bacteria that deposit calcium carbonate crystals – the material that the cave formations are made of! Further, these scientists have found that the microbes in the cave are very different from those found on the surface above the cave. Exploration of environments like Kartchner Caverns can provide clues about how microbes in this dark cave make a living and guide our search for extraterrestrial life on Mars and beyond.



Lunchtime Science Series
by Arizona State Parks
& the Carnegie Center

11:30 AM – 1 PM
FREE! (Bring Your Lunch)

Arizona State Parks
1300 W. Washington
Phoenix, Arizona 85007

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